REFERENCES

The predominant source of information is the first reference in this section. Following that reference are the 81 references by number as they appear in the Hazard Ranking System (HRS) Documentation Record. After the 81 references of the HRS the references are grouped into topics and the references are alphabetical and then chronological.

- TNRCC. 2002. "Hazard Ranking System Documentation Record, Falcon Refinery, aka National Oil Recovery Corporation, Ingleside, San Patricio County Texas TXD 086 278 058." February.
- 1. U.S. Environmental Protection Agency. Federal Register 40 CFR Part 300; Hazard Ranking System; Final Rule, Volume 55, No. 241, December 14, 1990. 1 page.
- 2. U.S. Environmental Protection Agency. Hazard Ranking System Guidance Manual, Office of Emergency and Remedial Response, Publication 9345.1-07, November, 1992. 1 page.
- 3. U.S. Environmental Protection Agency. Superfund Chemical Data Matrix (SCDM) June 1996. 1 page
- 4. U.S. Geological Survey. 7.5 Minute Topographic Map, Port Ingleside Quadrangle. Photo revised 1975. 1 sheet.
- 5. Ownership Records. 1978-1998. 180 pages.
- 6. TNRCC. Transmittal of an application for Renewal of Permit No. 02142, National Oil Recovery Corporation, Industrial. November 14, 1994. 14 pages.
- 7. U.S. Environmental Protection Agency. Notification of Hazardous Waste Activity. Uni Refining, Inc. TXD086278058. October 20, 1980. 2 pages.
- 8. 40 Code of Federal Regulations CHAPTER I PART 302. http://www.access.gpo.gov/nara/cfr/cfrhtml_00/Title_40/40cfr302_00.html. 50 FR 13474. April 4, 1985. 74 pages.
- 9. Texas Water Commission. FRC Energy Corporation dba Falcon Refining, Texas Registration No. 31288. June 5, 1986. 20 pages.
- 10. U.S. Environmental Protection Agency. Potential Hazardous Waste Site: Site Inspection Report: Falcon Refinery (AKA UNI, Midgulf, & FRC) TXD 086278058. December 14, 1987. 35 pages.
- 11. Texas Air Control Board (TACB). Falcon Refining Co. Received March 7, 1986. 2 pages.
- 12. State of Louisiana, Department of Environmental Quality. Re: V240 and V242 Mineral Spirits. July 22, 1996. 1 page.
- 13. May 16-18, 2000 Expanded Site Inspection (ESI) Site Photographs. 49 pages.
- 14. May 11, 16-18, 2000. ESI Field Log Notes. 63 pages.
- 15. U.S. Environmental Protection Agency. *Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group F02J2.* July 28, 2000. 172 pages.

- 16. U.S. Environmental Protection Agency. Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group MF00NH. June 28, 2000. 40 pages.
- 17. U.S. Environmental Protection Agency. Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group MF00NK. June 28, 2000. 38 pages.
- 18. Cordell, Melissa. TNRCC. Record of Communication. Subject: Sample Location Information from the Falcon Refinery Expanded Site Inspection. December 23, 2001. 3 pages.
- 19. U.S. Environmental Protection Agency. Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group F02H1. 175 pages.
- 20. U.S. Environmental Protection Agency. Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group MF00N4. 37 pages.
- 21. U.S. Environmental Protection Agency. Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group F02J0. 97 pages.
- 22. TNRCC. Quality Assurance Project Plan for TNRCC Preliminary Assessment/Site Inspection Program (FY 2000-2001). October 1999. 23 pages.
- 23. Texas Department of Transportation (TXDOT). Nueces County Aerial Photograph #327764. October 31, 1979. 2 photos.
- 24. Love, Gary. TXDOT. Telephone Memo to File. October 29, 2001. 1 page.
- 25. TNRCC. Re: National Oil Recovery Corporation Ingleside Facility, Solid Waste Registration No. 31288. February 23, 1996. 3 pages.
- 26. TNRCC. Chain of Custody and Sample Results. March 7, 1996. 76 pages.
- 27. Lynch, Brian. TNRCC. Electronic Mail: NORCO Facility, Ingleside, Texas. October 25, 2001. 2 pages.
- 28. Cady, Ronald. Louisiana Department of Environmental Quality. Electronic Mail: (Mineral Spirits and Vinyl Acetate) from Westlake Polymers in Sulphur, LA. October 30, 2001. 1 page.
- 29. Ward, Michael. MJP Resources, Inc. USEPA Criminal Investigation Division: Memorandum of Interview. February 17, 1996. 5 pages.
- 30. U.S. Environmental Protection Agency. Region 6 Houston Laboratory. Sample results from samples collected on February 16, 23, 1996 at National Oil Recovery Corporation facility. March 27, 1996. 9 pages.
- 31. Core Laboratories Analytical Report. Job Number 960507. March 5, 1996. 44 pages.
- 32. Core Laboratories Analytical Report. Job Number 960521. March 19, 1996. 30 pages.
- 33. TNRCC. Oil or Hazardous Substances Discharge or Spill or Air Release Report. November 15, 1995. 3 pages.

- 34. Eickel, Byron. Texas Railroad Commission. Telephone Memo to File. February 23, 1996. 1 page.
- 35. TNRCC. Re: MJP Resources Pipeline Spill. March 1, 1996. 50 pages.
- 36. Duncan, Anthony. Jones & Neuse, Inc. Re: Progress Report MJP Resources and Gulf Conservation Corporation. April 29, 1996. 53 pages.
- 37. Santana, Craig. Alamo Petroleum Exchange. TNRCC Special Investigations Report of Interview: Westlake Polymers. February 15, 1996. 2 pages.
- 38. TNRCC. Notice of Enforcement for the Air and Waste Compliance evaluation Inspections, Sampling Inspection, and Complaint Investigation at: National Oil Recovery Corporation Ingleside Facility. March 7, 2000. 183 pages.
- 39. U.S. Environmental Protection Agency. Potential Hazardous Waste Site: Identification and Preliminary Assessment: Falcon Refinery TXD 086 278 058. June 11, 1987. 5 pages.
- 40. Texas Department of Water Resources (TDWR). Interoffice Memorandum: Uni Refining, Inc., Solid Waste Registration 31288. February 25, 1982. 11 pages.
- 41. Kutchinski, Paul. Texas Department of Water Resources. UNI Refining, Inc. April 27, 1982. 25 pages.
- 42. U.S. Environmental Protection Agency. *Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group F02J4.* July 28, 2000. 140 pages.
- 43. U.S. Environmental Protection Agency. *Region 6, CLP Analytical Data for Falcon Refinery Site, Case #28064, Sample Designation Group MF00NM.* July 28, 2000. 23 pages.
- 44. May 11, 2000. Site Photographs. 4 pages.
- 45. Kutchinski, Paul. Texas Department of Water Resources. Subject: UNI Oil, Solid Waste Registration #31288. July 2, 1979. 2 pages.
- 46. Palmer, W.T. TACB. Letter to Mr. Claude Richey, Falcon Refining Company. April 23, 1987. 13 pages.
- 47. Hayes, W.A. Shiner, Moseley and Associates, Inc. Letter to Mr. Monico Banda TNRCC Office of Air Quality. December 28, 1995. 2 pages.
- 48. The Dallas Morning News. Texas Almanac 2000-2001. College Station: Texas A&M Distributing Press Consortium. 1999. 3 pages.
- 49. Dunne, Thomas and Luna B. Leopold. Water in Environmental Planning. New York: W.H. Freeman and Company. 1978. 3 pages.
- 50. Federal Emergency Management Agency. Flood Insurance Rate Map: San Patricio County, Texas. Panel 531 of 533. Map Revised: March 18, 1985. 1 page.
- 51. TNRCC. 1996 State of Texas Water Quality Inventory, Volume 4. 17 pages.

- 52. Jones, Gerald L. Falcon Refinery Company. Purchase of Texas Independent Refining. January 21, 1986. 1 page.
- 53. U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Map, Port Ingleside, Texas. Draft April 3, 1995. 1 sheet.
- 54. TNRCC. 1996 Regional Assessment of Water Quality in the Nueces Coastal Basins. October 1996. 29 pages.
- 55. U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Map, Port Aransas, Texas. Draft March 29, 1995. 1 sheet.
- 56. U.S. Environmental Protection Agency. Quick Reference Fact Sheet: Using Qualified Data to Document an Observed Release and Observed Contamination, Office of Emergency and Remedial Response, Publication 9285.7-14, November, 1996. 18 pages.
- 57. TNRCC to Plains Terminal and Transfer. Re: PLX Ingleside, INC. Solid Waste Registration #31080. April 3, 1996. 46 pages.
- 58. Bowles, William F. Texas Water Commission. Annual Solid Waste Compliance Inspection of ARM Refining Company Registration No. 31080. January 14, 1986. 3 pages.
- 59. Culbert, Josh. Plains Marketing. Telephone Memo to File. October 8, 2001. 1 page.
- 60. Gibbs, Mark S., P.E. Exemption Registration No. 41264 Rock Crusher. May 24, 1999. 5 pages.
- 61. TNRCC. TNRCC FY2001 RCRIS Compliance Monitoring and Enforcement Log. Aker Gulf Marine Aransas Pass Yard. SWR 37946. February 26, 2001. 44 pages.
- 62. TNRCC. Aker Gulf Marine: Permit to Dispose of Wastes. January 4, 2000. 15 pages.
- 63. Scott, Walter. Alamo Concrete Products, LTD. Facsimile: Location of Alamo Concrete Products, LTD. April 25, 2000. 2 pages.
- 64. Walsh, Allen. Alamo Concrete Products, LTD. Change of Ownership Notification. April 4, 1996. 1 page.
- 65. Picton, Harold H. Coast Materials, Inc. TACB: Registration Form for Standard Exemptions Form PI-7. July 20, 1988. 5 pages.
- 66. Burgin, Shane. Brown & Root, Inc. Cancellation of Notice of Registration. November 24, 1993. 3 pages.
- 67. TNRCC. LPST Database Query Results: Brown & Root, Inc. LPST 103443. August 22, 2001. 1 page.
- 68. TACB. Brown & Root Development, Inc. Permit Application. May 14, 1985. 8 pages.
- 69. Kulkarni, R.D., P.E. Petro Project Engineering, Inc. Ingleside, Properties, Inc. Ingleside, TX, TACB Permit Application. May 7, 1984. 10 pages.

- 70. TNRCC. Re: Gulf Conservation Corporation Spill. December 20, 1996. 2 pages.
- 71. Core Lab. Analytical Report Job Number: 964566. September 24, 1996. 17 pages.
- 72. Stanley, Carlton H. TNRCC. Spill of Regulated Substance at Gulf Conservation Corporation. March 5, 1996. 9 pages.
- 73. Tunnell, J.W. et al. Current Status and Historical Trends of the Estuarine Living Resources within the Corpus Christi Bay National Estuary Program Study Area. January 1996. 39 pages.
- 74. Robinson, L., P. Campbell, and L. Butler. Trends in Texas Commercial Fishery Landings, 1972-1997. Texas Parks and Wildlife, Management Data Series No 158. 1998. 31 pages.
- 75. Hardegree, Beau, Seagrass Coordinator -Resource Protection Division, Texas Parks and Wildlife Department. Electronic Mail. To: Melissa Cordell, Texas Natural Resource Conservation Commission. October 1, 2001. 1 page.
- 76. U.S. Geological Survey. DOQQ Metadata for Port Ingleside NE. ftp://ftp.tnris.state.tx.us/1mdoqq/ January 7, 1995. 9 pages.
- 77. TNRCC. One Meter Digital Orthophoto Quarter Quads. http://home.tnrcc.state.tx.us/internal/gis/metadata/doq_met.html. August 25, 2000. 11 pages.
- 78. Texas Parks & Wildlife. Endangered/Threatened Species near Falcon Refining. October 23, 2000 and September 26, 2000. 9 pages.
- 79. TACB. Inter-Office: Public Hearing Requests, Uni Oil, Incorporated. September 21, 1978. 4 pages.
- 80. Barnes, Philip G. Texas Independent Oil Corporation. Re: PSD-TX-229. July 17, 1981. 1 page.
- 81. Texas Department of Water Resources. Interoffice Memorandum: MidGulf Energy (formerly Uni Refining, Inc.) Solid Waste Registration No. 31288. March 28, 1984. 7 pages.

RISK BASED REFERENCES

- EPA (U.S. Environmental Protection Agency). 1989. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response. EPA/540/1-89-002.
- EPA. 1991a. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals). Office of Emergency and Remedial Response. EPA/540/1-89-002.
- EPA. 1991b. Risk Assessment Guidance for Superfund, Volume I Human Health Evaluation Manual Supplemental Guidance, "Standard Default Exposure Factors." Interim Final. OSWER Directive 9285.6-03.
- EPA, 1995. Supplemental Region 6 Risk Assessment Guidance, EPA Region 6, Dallas, Texas, May 1995.

EPA, 1996a. Soil Screening Guidance: Technical Background Document. PB96-963502. May 1996.

EPA 1997a. Exposure Factors Handbook. Office of Research and Development, Washington, DC. EPA/600/P-95/002F.. August 1997. Final.

EPA, 1997b. Health Effects Assessment Summary Tables, FY-1997. Annual. Office of Emergency and Remedial Response. Washington, DC. EPA/540/R-97-036.

EPA. 1998. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments). Office of Emergency and Remedial Response. OSWER 9285.7-01D-1. January 1998.

EPA, 2002. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10. December 2002.

EPA. 2006. Region 6 Human Health Medium Specific Screening Levels. December 2006 (revised 05/04/07)

IRIS (Integrated Risk Information System), 2001. U.S. EPA on-line database (http://www.epa.gov/iris/).

TCEQ, 2002. Determining PCLs for Surface Water and Sediment. RG-366/TRRP-24; December, 2002.

TCEQ. 2007. TRRP Protective Concentration Levels (updated 05/24/07).

ECOLOGICAL RISK BASED REFERENCES

Diamond, D. D. 1993. Plant communities of Texas. Texas Natural Heritage Program, Texas Parks and Wildlife Department, Austin, Texas.

Efroymson, R.A., G.W. Suter II, B.E. Sample, and D.S. Jones. 1997a. Preliminary Remediation Goals for Ecological Endpoints. Oak Ridge National Laboratory, Oak Ridge, TN. 50 pp. ES/ER/TM-162/R2.

Efroymson, R.A., M.E. Will, G.W. Suter II, and A.C. Wooten. 1997b. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. 128 pp. ES/ER/TM-85/R3.

Long, E.R., MacDonald, D.D., Smith, S.L., and Calder, F.D. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. Environmental Management, v. 19, no. 1, p. 81-97.

Long E.R., and, Morgan L.G. 1990. The potential for biological effects of sediment-sorbed contaminants tested in the National Status and Trends Program. Seattle, Wash., National Oceanic and Atmospheric Administration, NOAA Technical Memorandum NOS OMA 62, 175 p.

EPA (U.S. Environmental Protection Agency) 1989a. Risk Assessment Guidance for Superfund, Volume II, Environmental Evaluation Manual. Office of Emergency and Remedial Response. EPA-540-1-89-001.

EPA 1989b. Ecological Assessment of Hazardous Waste Sites: A Field and Laboratory Reference. Environmental Research Laboratory, Corvallis, Oregon. EPA/600/3-89/013.

EPA 1992a. Framework for Ecological Risk Assessment. Risk Assessment Forum. EPA/603/R-92/001.

EPA 1992b. Evaluation of Terrestrial Indicators for Use in Ecological Assessments at Hazardous Waste Sites. EPA/600/R-92/183.

EPA 1992c. Guidance for Data Usability in Risk Assessment (Part A). Office of Emergency and Remedial Response. Publication 9285.7-09A.

EPA 1992d. Guidance for Data Usability in Risk Assessment (Part B). Office of Emergency and Remedial Response. Publication 9285.7-09B.

EPA 1994a. Role of Ecological Baseline Risk Assessment in the Baseline Risk Assessment. OSWER Directive No. 9285.7-17.

EPA 1994b. Using Toxicity Tests in Ecological Risk Assessment. EPA ECO Update, Intermittent Bulletin. Vol. 2, No. 1.

EPA Region 6. 1995. Supplemental Region 6 Risk Assessment Guidance.

EPA 1997. Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conduction Risk Assessments. U.S. EPA Environmental Response Team. Review Draft.

Sample, Bradley E., Glenn W. Suter II, Rebecca A. Efroymson, and Daniel S. Jones. 1998. A Guide to the ORNL Ecotoxicological Screening Benchmarks: Background, Development, and Application Oak Ridge National Laboratory, Oak Ridge, TN. ORNL/TM-13615.

Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. 227 pp. ES/ER/TM-86/R3.

Shaffer, George H. 1968. Ground-Water Resources of Nueces and San Patricio Counties, Texas. Report 73. USGS 1968.

Maughan, J.T. 1993. Ecological Assessments of Hazardous Waste Sites. Van Nostrand Reinhold. New York, NY.

Mayer, F.L., Jr., S. Mayer, and M.R. Ellersieck. 1986. Relation of Survival to Other Endpoints in Chronic Toxicity Tests with Fish. Envir. Toxicol. Chem. 5:737-748.

MacDonald, D.D., C.G. Ingersoll, and T.A. Berger. 2000. Development and evaluation of concensus-based sediment quality guidelines for freshwater ecosystems. Arch. Environ. Contam. Toxicol. 39:20-31.

Norton, S.B., D.J. Rodier, J.H. Gentile, W.H. Van der Schalie, W.P. Wood, and M.W. Slimak. 1992. A Framework for Ecological Risk Assessment at the EPA. Envir.Tox. Chem. 11:1663-1672.

OMOE (Ontario Ministry of Environment and Energy). 1993. Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario. ISBN 0-7729-9248-7. Prepared by D. Persaud, R. Jaagumagi, and A. Hayton.

Sittig, M. 1985. Handbook of Toxic and Hazardous Chemicals and Carcinogens. 2nd Edition. Noyes Publications, Park Ridge, NJ.

Suter, G.W. III, D.S. Vaughan, and R.H. Gardner. 1983. Risk Assessment by Analysis of Extrapolation Error: A Demonstration for Effects of Pollution on Fish. Envir. Toxicol. Chem. 2:369-378.

Suter, G.W. 1989. Ecological Endpoints. In W. Warren-Hicks, B.R. Parkhurst, and S.S. Baker, Jr. (eds.). Ecological Assessment of Hazardous Waste Sites: A Field and Laboratory Reference Document. EPA 600/3-89/013.

Suter, G.W. 1990. Endpoints for Regional Risk Assessments. Environ. Manage. 14:9-23.

Suter, G.W. 1993. Ecological Risk Assessment. Lewis Publishers, Chelsea, MI.

Suter, G.W. and C.L. Tsao. 1996. Toxicological Benchmarks for Screening Potential Contaminants of Concern for Effects on Aquatic Biota: 1996 Revision. ES/ER/TM-96/R2.

TNRCC (Texas Natural Resource Conservation Commission). 1996. Guidance for Conducting Ecological Risk Assessment Under the Texas Risk Reduction Program. 15 November 1996. RG-263.

TCEQ 2001. "Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas." Toxicology and Risk Assessment Section. RG-263. December.

TCEQ. 2006. "Revision to Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas." Toxicology and Risk Assessment Section. RG-263..

Travis, Curtis C. 1988. Carcinogen Risk Assessment. Contemporary Issues in Risk Analysis, Vol 3. pp. 210. Sponsored by the Society for Risk Analysis.

Weil, C.S. and D.D. McCollister. 1963. Relationship Between Short- and Long-Term Feeding Studies in Designing an Effective Toxicity Test. Agric. Food Chem. 11:486-491.

EPA (U.S. Environmental Protection Agency). 1989. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response. EPA/540/1-89-002.

EPA. 1991a. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals). Office of Emergency and Remedial Response. EPA/540/1-89-002.

EPA. 1991b. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part C, Risk Evaluation of Remedial Alternative). Office of Emergency and Remedial Response. EPA/540/R-92/004.

EPA. 1991c. Risk Assessment Guidance for Superfund, Volume I - Human Health Evaluation Manual Supplemental Guidance, "Standard Default Exposure Factors." Interim Final. OSWER Directive 9285.6-03.

EPA, 1995. Supplemental Region 6 Risk Assessment Guidance, EPA Region 6, Dallas, Texas, May 1995.

EPA, 1996a. Soil Screening Guidance: Technical Background Document. PB96-963502. May 1996.

EPA 1997a. Exposure Factors Handbook. Office of Research and Development, Washington, DC. EPA/600/P-95/002F.. August 1997. Final.

EPA, 1997b. Health Effects Assessment Summary Tables, FY-1997. Annual. Office of Emergency and Remedial Response. Washington, DC. EPA/540/R-97-036.

EPA. 1998. Risk Assessment Guidance for Superfund Volume I, Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments). Office of Emergency and Remedial Response. OSWER 9285.7-01D-1. January 1998.

EPA, 2003. Human *Health Toxicity Values in Superfund Risk Assessments*. OSWER Directive 9285.7-53; December 5, 2003

EPA. 2004. Risk Assessment Guidance for Superfund, Vol. I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment). Final. July 2004. EPA/540/R/99/005.

IRIS (Integrated Risk Information System), 2001. U.S. EPA on-line database (http://www.epa.gov/iris/).